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## **TC 3700 Inventor Search Program**

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**Serial Number:** 10/735,948

1.) See <u>attached</u> printout of inventors listed in PALM

2.) See <u>attached</u> EAST Inventor Search Printout shows Inventor search terms



## **PALM INTRANET**

Day: Tuesday Date: 4/11/2006

Time: 13:35:26

## **Inventor Information for 10/735948**

Inventor Name	City	State/Country
KIL, JONG	GLENDALE	CALIFORNIA
BORNZIN, GENE A.	SIMI VALLEY	CALIFORNIA
BOILEAU, PETER	VALENCIA	CALIFORNIA
PARK, EULJOON	VALENCIA	CALIFORNIA
Apple Info   Contents   Petition Info	······································	Continuity Data Foreign Dat  Patent# Search
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Attorney Docket #		Search
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US 20060047319 A1	US-PGPUB	20060302	27	System and method for determining optimal atrioventricular delay based on intrinsic	607/9		Bruhns; Ken et al.
US 20050277992 A1	US-PGPUB	20051215		conduction delays  Collecting and analyzing sensed information as a trend of heart failure progression or regression	607/9	600/509	Koh, Steve et al.
US 20050256545 A1	US-PGPUB	20051117		System and method for evaluating heart failure using an implantable medical device based on heart rate during patient activity	607/17		Koh, Steve et al.
US 20050240240 A1	US-PGPUB	20051027		System and method for applying therapy during hyperpnea phase of periodic breathing using an implantable medical device	607/42		Park, Euljoon et al.
US 20050216067 A1	US-PGPUB	20050929		System and method for predicting a heart condition based on impedance values using an implantable medical device	607/17		Min, Xiaoyi et al.
US 20050215914 A1	US-PGPUB	20050929		System and method for evaluating heart failure based on ventricular enddiastolic volume	600/50	8	Bornzin, Gene A. et al.

·			using an implantable medical device			
US 20050125041 A1	US-PGPUB	20050609	Methods for ventricular pacing	607/9		Min, Xiaoyi et al.
US 20050080471 A1	US-PGPUB	20050414	Lead body construction	607/122		Chitre, Yougandh et al.
US 20050070965 A1	US-PGPUB	20050331	Method and system for discriminating RA driven from LA driven atrial flutter	607/9		Kil, Jong et al.
US 20050059897 A1	US-PGPUB	20050317	Statistical analysis for implantable cardiac devices	600/510		Snell, Jeffery D. et al.
US 20050055060 A1	US-PGPUB	20050310	Determination of respiratory characteristics from AV conduction intervals	607/17		Koh, Steve et al.
US 20040267321 A1	US-PGPUB	20041230	Method and apparatus for monitoring drug effects on cardiac electrical signals using an implantable cardiac stimulation device	607/3	607/9	Boileau, Peter et al.
US 20040243210 A1	US-PGPUB	20041202	Fixation of a left heart medical lead in the coronary sinus	607/122	607/125	Morgan, Kevin L. et al.
US 20040138716 A1	DERWENT	N/A, Contact help desk				Kon, Steve et al.
US 20040106962 A1	US-PGPUB	20040603	Implantable stimulation device and method for	607/19		Mai, Junyu et al.

US 20040102814	US-PGPUB	20040527	adjusting AV/PV delay according to patient's posture Physician programmer system with	607/17		Sorensen, Chris et al.
A1			telemetered sensor waveform			
US 20040002743 A1	US-PGPUB	20040101	Implantable cardiac device having a system for detecting T wave alternan patterns and method	607/25		Park, Euljoon et al.
US 20030195579 A1	US-PGPUB	20031016	Automatic capture using independent channels in bichamber stimulation	607/27		Bradley, Kerry et al.
US 20030171782 A1	US-PGPUB	20030911	Method and apparatus for using a rest mode indicator to automatically adjust control parameters of an implantable cardiac stimulation device	607/19		Florio, Joseph J. et al.
US 20030171781 A1	US-PGPUB	20030911	Method and apparatus for using a rest mode indicator to automatically adjust control parameters of an implantable cardiac stimulation device	607/17	607/19	Florio, Joseph J. et al.
US 20030163165	US-PGPUB	20030828	Implantable cardiac	607/5		Bornzin, Gene A. et

US 20030153956 A1	US-PGPUB	20030814	stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method Cardiac stimulation device including sleep apnea	607/17	Park, Euljoon et
US 20030153955 A1	US-PGPUB	20030814	prevention and treatment  Cardiac stimulation device including sleep apnea prevention and treatment	607/17	Park, Euljoon et al.
US 20030153954 A1	US-PGPUB	20030814	Sleep apnea therapy device using dynamic overdrive pacing	607/17	Park, Euljoon et al.
US 20030153953 A1	US-PGPUB	20030814	Stimulation device for sleep apnea prevention, detection and treatment	607/17	Park, Euljoon et al.
US 20030130704 A1	US-PGPUB	20030710	Method and apparatus for dynamically adjusting a non- linear overdrive pacing response function	607/11	Florio, Joseph J. et al.
US 20030130703 A1	US-PGPUB	20030710	Method and apparatus for dynamically adjusting overdrive pacing parameters	607/11	Florio, Joseph J. et al.
US 20030083708 A1	US-PGPUB	20030501	Implantable cardiac stimulation system and	607/27	Bradley, Kerry et al.

US	US-PGPUB	20030417	method for automatic capture verification calibration System, device	607/119	Florio,
20030074040 A1		20030117	and method for placing a body implantable lead in the coronary sinus region of the heart		Joseph J. et al.
US 20030050681 A1	US-PGPUB	20030313	Self-anchoring coronary sinus lead	607/125	Pianca, Anne M. et al.
US 20030045910 A1	US-PGPUB	20030306	Pacing mode to reduce effects of orthostatic hypotension and syncope	607/23	Sorensen, Chris et al.
US 20030040778 A1	US-PGPUB	20030227	Orientation of patient's position sensor using external field	607/17	Kroll, Mark W. et al.
US 20030040776 A1	US-PGPUB	20030227	Detection of patient's position and activity status using 3D accelerometer-based position sensor	607/9	Kroll, Mark W. et al.
US 20020120303 A1	US-PGPUB	20020829	Implantable cardiac device providing repetitive non- reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using VA interval extension and method	607/14	Levine, Paul A. et al.
US 20020120301 A1	US-PGPUB	20020829	Implantable cardiac device providing repetitive non-	607/9	Levine, Paul A. et al.

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'			reentrant			
[ ]			ventriculo-atrial			
			synchronous			
			(RNRVAS)			
			rhythm therapy			
			using secondary			
			pacing pulses and			
			method			
US	US-PGPUB	20020801	Implantable	607/122		Bornzin,
20020103524			cardiac single			Gene A. et
Al			pass coronary			al.
111			sinus lead for			
			providing pacing			
			and defibrillation			
			and method of			
			manufacture			
TIC	LIC DODLE	20020801		607/122		Helland,
US	US-PGPUB	20020801	Implantable	00//122		John R. et
20020103523			cardiac coronary			
Al	ļ ·		sinus lead having			al.
			a defibrillation			
	1		electrode of split			
			configuration and			
			method of			
			manufacture			
US	US-PGPUB	20020718	System and	607/28		Bornzin,
20020095190			method for			Gene A. et
A1			automating			al.
			capture			
			verification	1		
			assessment and			
			pacing threshold			
			assessment using			
			a programmer			
US	US-PGPUB	20020110	Implantable	607/9		Florio,
20020004672	0010101		cardiac			Joseph J.
Al			stimulation			et al.
			device with			
			detection and			
			therapy for			
			patients with			
			1 *			
			vasovagal			
***	TIC DODIE	20020110	syncope	607/0		Dom-i-
US	US-PGPUB	20020110	System and	607/9		Bornzin,
20020004671			method for			Gene A. et
A1			preventing			al.
			sudden heart rate			

	•					
			drop using implantable cardiac pacing device			
US 20020004670 A1	US-PGPUB	20020110	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/9		Florio, Joseph J. et al.
US 20020002389 A1	US-PGPUB	20020103	Cardiac stimulation devices and methods for measuring impedances associated with the left side of the heart	607/8		Bradley, Kerry et al.
US 20010049542 A1	US-PGPUB	20011206	System and method for automatically verifying capture during multichamber stimulation	607/28		Florio, Joseph J. et al.
US 20010037136 A1	US-PGPUB	20011101	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca, Anne M. et al.
US 20010037135 A1	US-PGPUB	20011101	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca, Anne M. et al.
US 20010037067 A1	US-PGPUB	20011101	System and method for monitoring progression of cardiac disease state using physiologic	600/483	607/17	Tchou, Patrick et al.

•			sensors			
US 7027867 B2	USPAT	20060411	Implantable cardiac device having a system for detecting T wave alternan patterns and method	607/25	600/517	Park; Euljoon et al.
US 7024243 B1	USPAT	20060404	System and methods for preventing, detecting, and terminating pacemaker mediated tachycardia in biventricular implantable cardiac stimulation device	607/14	600/518	Bornzin; Gene A. et al.
US 7024241 B1	USPAT	20060404	Pacing pulse waveforms that support simultaneous intracardiac signal sensing and analysis	607/9		Bornzin; Gene A. et al.
US 7006868 B2	USPAT	20060228	Method and apparatus for using a rest mode indicator to automatically adjust control parameters of an implantable cardiac stimulation device	607/19		Florio; Joseph J. et al.
US 6999817 B2	USPAT	20060214	Cardiac stimulation device including sleep apnea prevention and treatment	607/19	607/9	Park; Euljoon et al.
US 6990374	USPAT	20060124	Methods and	607/9		Florio;

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Bî			apparatus for			Joseph J.
			overdrive pacing			et al.
			heart tissue using			
			an implantable			
			cardiac			
			stimulation			1 1
			device			
US 6988007	USPAT	20060117	Single pass	607/123	600/374;	Morgan;
	USFAI	20000117		007/123	607/125	Kevin L.
B1			telescoping	1	007/123	
			cardiac lead for			et al.
			the left heart			
US 6968232	USPAT	20051122	Method and	607/18		Florio;
B2			apparatus for			Joseph J.
			using a rest mode			et al.
			indicator to			
			automatically			
			adjust control	]		
			parameters of an			
			implantable			
		:	cardiac			
			stimulation			
			device			<del>- </del>
US 6937900	USPAT	20050830	AC/DC multi-	607/19	607/18	Pianca;
B1			axis			Anne M.
			accelerometer for			et al.
			determining		:	
			patient activity			
			and body position			
US 6934587	USPAT	20050823	System and	607/28		Bornzin;
B1	002.11		method for			Gene A. et
101			automatic atrial			al.
			capture detection			l ui.
			1 -			
			and atrial pacing			
			threshold			
			determination	<del> </del>		
US 6928324	USPAT	20050809	Stimulation	607/20	607/18;	Park;
B2			device for sleep		607/42	Euljoon et
		1	apnea prevention,			al.
			detection and			
			treatment			
US 6925326	USPAT	20050802	Implantable	600/510	607/9	Levine;
B1			cardiac			Paul A. et
"			stimulation			al.
			system and			"
			method for			
<u> </u>			measuring		<u> </u>	

			atrioventricular conduction and adjusting atrioventricular hystersis			
US 6915164 B2	USPAT	20050705	Automatic capture using independent channels in bichamber stimulation	607/29		Bradley; Kerry et al.
US 6904321 B1	USPAT	20050607	System and method of identifying fusion for dual-chamber automatic capture stimulation device	607/27		Bornzin; Gene A. et al.
US 6904320 B2	USPAT	20050607	Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park; Euljoon et al.
US 6904317 B2	USPAT	20050607	Method and apparatus for dynamically adjusting overdrive pacing parameters	607/9	607/11	Florio; Joseph J. et al.
US 6889077 B2	USPAT	20050503	Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	607/4	607/63	Bornzin; Gene A. et al.
US 6881192 B1	USPAT	20050419	Measurement of sleep apnea duration and evaluation of response therapies using duration metrics	600/529	600/484; 600/501; 607/17; 607/42	Park; Euljoon
US 6862471	USPAT	20050301	Method and	600/509	607/9	McClure;

B1			apparatus for blanking T-waves from combipolar atrial cardiac signals based on expected T-wave locations			Kelly H. et al.
US 6832112 B1	USPAT	20041214	Method of adjusting an AV and/or PV delay to improve hemodynamics and corresponding implantable stimulation device	607/9		Bornzin; Gene A.
US 6804556 B1	USPAT	20041012	Methods and apparatus for overdrive pacing heat tissue using an implantable cardiac stimulation device	607/9		Florio; Joseph J. et al.
US 6792307 B1	USPAT	20040914	Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hysteresis	607/9	600/509	Levine; Paul A. et al.
US 6788970 B1	USPAT	20040907	System and method for treating vasovagal syncope using cardiac pacing	607/17		Park; Euljoon et al.
US 6782291 B1	USPAT	20040824	Implantable cardiac stimulation device with	607/28		Bornzin; Gene A. et al.

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			automatic evoked			
			response sensing			
			electrode			
			configuration			
			selection and			
			method			
US 6766195	USPAT	20040720	Method and	607/14	600/515;	Bornzin;
<b>B</b> 1			apparatus for		607/4;	Gene A. et
			detecting natural		607/5	al.
			electrical			
			coherence within			
			the heart and for			
			1			
			administering			
			therapy based			
			thereon			
US 6760619	USPAT	20040706	Two lead	607/4	607/123	Helland;
<b>B</b> 1			universal			John R. et
			defibrillation,			al.
			pacing and			
			sensing system			
US 6758854	USPAT	20040706	Splittable	606/194	604/101.01	Butler;
B1			occlusion balloon			William et
			sheath and			al.
			process of use			<b></b>
US 6748268	USPAT	20040608	Three lead	607/4		Helland;
B1	USIAI	20040000	universal pacing	007/4		John R. et
DI			and shocking			al.
						ai.
X10 (5400(1	Y Y C D A TO	20040600	system	600/510	600/500	1711.
US 6748261	USPAT	20040608	Implantable	600/510		Kroll;
B1			cardiac		607/9	Mark W.
			stimulation			et al.
			device for and			
			method of			
			monitoring			
			progression or			
			regression of			
			heart disease by			
			monitoring			
			interchamber			
			conduction delays			
US 6745081	USPAT	20040601	Coronary Sinus	607/123		Helland;
B1	OSFAI	20040001	Cardiac Lead For	007/123		John R. et
ומ			i i			al.
			Stimulating and			aı.
			Sensing The			
			Atria of the Right			
	·		and Left Heart			

•			and System			
US 6741885 B1	USPAT	20040525	Implantable cardiac device for managing the progression of heart disease and method	600/509	600/529; 607/19; 607/20	Park; Euljoon et al.
US 6738666 B1	USPAT	20040518	Detection of orthostatic hypotension using positional data and cross-check data	607/18		Park; Euljoon et al.
US 6731985 B2	USPAT	20040504	Implantable cardiac stimulation system and method for automatic capture verification calibration	607/28		Poore; John W. et al.
US 6721601 B1	USPAT	20040413	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6721598 B1	USPAT	20040413	Coronary sinus cardiac lead for stimulating and sensing in the right and left heart and system	607/4	607/123	Helland; John R. et al.
US 6711439 B1	USPAT	20040323	Evoked response variability as an indicator of autonomic tone and surrogate for patient condition	607/9		Bradley; Kerry et al.
US 6711438 B1	USPAT	20040323	Method and apparatus for blanking T-waves from combipolar atrial cardiac signals based on	607/9		McClure; Kelly H. et al.

•			expected T-wave locations			
US 6701187 B1	USPAT	20040302	Implantable cardiac stimulation device and method for prolonging atrial refractoriness	607/14		Bornzin; Gene A. et al.
US 6662047 B2	USPAT	20031209	Pacing mode to reduce effects of orthostatic hypotension and syncope	607/18	607/23	Sorensen; Chris et al.
US 6658292 B2	USPAT	20031202	Detection of patient's position and activity status using 3D accelerometer- based position sensor	607/19		Kroll; Mark W. et al.
US 6658283 B1	USPAT	20031202	Implantable cardiac stimulation device, system and method which provides an electrogram signal having the appearance of a surface electrocardiogram	600/510		Bornzin; Gene A. et al.
US 6650945 B2	USPAT	20031118	Implantable cardiac coronary sinus lead having a defibrillation electrode of split configuration and method of manufacture	607/122	607/123	Helland; John R. et al.
US 6650931 B1	USPAT	20031118	System and method of automatically determining the onsets and ends of cardiac events	600/510		McClure, Kelly H. et al.

•			and far-field signals			
US 6647295 B2	USPAT	20031111	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/9	607/17	Florio; Joseph J. et al.
US 6643548 B1	USPAT	20031104	Implantable cardiac stimulation device for monitoring heart sounds to detect progression and regression of heart disease and method thereof	607/17	600/513; 600/514; 600/528; 607/18; 607/6	Mai; Junyu et al.
US 6640136 B1	USPAT	20031028	Implantable cardiac stimulation device with automatic electrode selection for avoiding cross- chamber stimulation	607/28		Helland; John R. et al.
US 6636766 B2	USPAT	20031021	System and method for preventing sudden heart rate drop using implantable cardiac pacing device	607/19	607/17	Bornzin; Gene A. et al.
US 6625493 B2	USPAT	20030923	Orientation of patient's position sensor using external field	607/17		Kroll; Mark W. et al.
US 6625492 B2	USPAT	20030923	Implantable cardiac stimulation	607/17	607/9	Florio; Joseph J. et al.

·			device with			
			detection and			
			therapy for			
			patients with			
			vasovagal			
TYG ((05400	TIODAT	20020022	syncope	607/9		MaClarea
US 6625490	USPAT	20030923	System and	607/9		McClure;
B1			method of			Kelly H.
			automatically			et al.
			adjusting sensing			
			parameters based			
			on temporal			
	1		measurement of			
			cardiac events			
US 6618619	USPAT	20030909	Method and	607/27	607/28	Florio;
B1			apparatus for			Joseph J.
			reducing the			et al.
			effect of evoked			
			responses on			
			polarization			
			measurements in			
			an automatic			
			capture pacing			1
			system			
US 6606517	USPAT	20030812	Methods and	607/14		Park;
B1			apparatus for			Euljoon et
			preventing atrial			al.
			arrhythmias by			
			overdrive pacing			
			and prolonging			
			atrial			
			refractoriness			
			using an			
			implantable			
			cardiac			
			stimulation			
			device			
US 6572557	USPAT	20030603	System and	600/483		Tchou;
B2		20050005	method for	200, 103		Patrick et
			monitoring			al.
			progression of			
			cardiac disease			
			state using			
			physiologic			
			sensors			
US 6567700	USPAT	20030520	Implantable	607/9	607/18	Turcott;
03 0307 700	USFAI	20030320	Implantable	100119	007/10	1 41 0011,

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B1			cardiac stimulation device and method which optimizes pacing effectiveness			Robert et al.
US 6539259 B1	USPAT	20030325	System and method of automatically adjusting sensitivity in an implantable cardiac stimulation device	607/9		Weinberg; Lisa P. et al.
US 6519493 B1	USPAT	20030211	Methods and apparatus for overdrive pacing heart tissue using an implantable cardiac stimulation device	607/9	·	Florio; Joseph J. et al.
US 6512953 B2	USPAT	20030128	System and method for automatically verifying capture during multichamber stimulation	607/28		Florio; Joseph J. et al.
US 6510342 B1	USPAT	20030121	Methods and apparatus for preventing atrial arrhythmias by overdrive pacing multiple heart tissue sites using an implantable cardiac stimulation device	607/15	607/14	Park; Euljoon et al.
US 6498949 B2	USPAT	20021224	Implantable cardiac device providing repetitive non-reentrant	607/14	607/9	Levine; Paul A. et al.

			ventriculo-atrial			
			synchronous			
			(RNRVAS)			
			rhythm therapy			
			using VA interval			
			extension and			
			method			
US 6490489	USPAT	20021203	Implantable	607/122		Bornzin;
B2			cardiac single			Gene A. et
	:		pass coronary			al.
			sinus lead for			
			providing pacing			
			and defibrillation			
			and method of			
			manufacture			
US 6477419	USPAT	20021105	Implantable	607/14	607/9	Levine,
B2			cardiac device	٠		Paul A. et
			providing			al.
			repetitive non-			
			reentrant			
			ventriculo-atrial			
			synchronous			
			(RNRVAS)			
			rhythm therapy			
			using secondary			
			pacing pulses and method			
US 6466821	USPAT	20021015	AC/DC multi-	607/18	607/19	Pianca;
B1	USPAT	20021013	axis	007/18	007/19	Anne M.
B1			accelerometer for			et al.
			determining			Ct an.
			patient activity			
			and body position			
US 6459937	USPAT	20021001	Endocardial	607/126	607/119	Morgan;
B1	OSIAI	20021001	pacing lead with	007/120	0077115	Kevin L.
			detachable tip			et al.
			electrode			
			assembly	į		
US 6456890	USPAT	20020924	Lead with	607/122		Pianca;
B2			polymeric tubular			Anne M.
			liner for			et al.
			guidewire and			
			stylet insertion			
US 6456889	USPAT	20020924	Lead with	607/122		Pianca;
B2			polymeric tubular			Anne M.
			liner for			et al.

·			guidewire and stylet insertion	·		
US 6456881 B1	USPAT	20020924	System and method of identifying fusion for dual-chamber automatic capture stimulation device	607/27		Bornzin; Gene A. et al.
US 6456880 B1	USPAT	20020924	Implantable cardiac stimulation device for and method of monitoring progression or regression of a patient's heart condition by monitoring ventricular repolarization interval dispersion	607/25		Park; Euljoon et al.
US 6449509 B1	USPAT	20020910	Implantable stimulation device having synchronous sampling for a respiration sensor	607/20	600/533; 600/547; 607/17	Park; Euljoon et al.
US 6408210 B1	USPAT	20020618	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6405091 B1	USPAT	20020611	Lead assembly with masked microdisk tip electrode and monolithic controlled release device	607/120	607/126	Vachon; David J. et al.
US 6389316 B1	USPAT	20020514	System and method for	607/28	607/11	Bornzin; Gene A. et

			automatic atrial capture detection and atrial pacing threshold determination			al.
US 6377852 B1	USPAT	20020423	Implanatable cardiac stimulation device and method for prolonging atrial refractoriness	607/9		Bornzin; Gene A. et al.
US 6351672 B1	USPAT	20020226	System and method for modulating the pacing rate based on patient activity and position	607/19	607/17	Park; Euljoon et al.
US 6295471 B1	USPAT	20010925	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6275733 B1	USPAT	20010814	Dual sensor rate response pacemaker	607/18	607/19	Park; Euljoon et al.
US 6269264 B1	USPAT	20010731	Method for measuring impedance in the body	600/547	607/28	Weyant; Robert R. et al.
US 6175766 B1	USPAT	20010116	Cardiac pacemaker autothreshold arrangement and method with reliable capture	607/28		Bornzin; Gene A. et al.
US 6128534 A	USPAT	20001003	Implantable cardiac stimulation device and method for varying pacing parameters to mimic circadian	607/17	607/25	Park; Euljoon et al.

•			cycles			
US 6122546 A	USPAT	20000919	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 6058328 A	USPAT	20000502	Implantable stimulation device having means for operating in a preemptive pacing mode to prevent tachyarrhythmias and method thereof	607/14		Levine; Paul A. et al.
US 6044294 A	USPAT	20000328	Methods and apparatus for measuring impedance in the body	600/547	607/9	Mortazavi; Said et al.
US 5991661 A	USPAT	19991123	System and method for measuring cardiac activity	607/19		Park; Euljoon et al.
US 5891176 A	USPAT	19990406	System and method for providing hemodynamically optimal pacing	607/18		Bornzin; Gene A.
US 5873895 A	USPAT	19990223	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 5814077 A	USPAT	19980929	Pacemaker and method of operating same that provides	607/9		Sholder; Jason A. et al.

			functional atrial cardiac pacing with ventricular support			
US 5810739 A	USPAT	19980922	Methods and apparatus for classifying cardiac events with an implantable cardiac device	600/510		Bornzin; Gene A. et al.
US 5800467 A	USPAT	19980901	Cardio- synchronous impedance measurement system for an implantable stimulation device	607/17		Park; Euljoon et al.
US 5766229 A	USPAT	19980616	Capture verification method and apparatus for implantable pacemaker utilizing heart rhythm stability measurements to minimize the likelihood of fusion	607/28	607/16	Bornzin; Gene A.
US 5733312 A	USPAT	19980331	System and method for modulating the output of an implantable medical device in response to circadian variations	607/17		Schloss; Harold C. et al.
US 5718242 A	USPAT	19980217	Cardiac arrhythmia detection system for an implantable stimulation	600/515	600/518; 600/521; 607/14	McClure; Kelly H. et al.

			device and method			
US 5697956 A	USPAT	19971216	Implantable stimulation device having means for optimizing current drain	607/28		Bornzin; Gene A.
US 5674274 A	USPAT	19971007	Implantable adjustable single- pass A-V lead for use with an implantable stimulation device	607/123	607/122	Morgan; Kevin L. et al.
US 5643338 A	USPAT	19970701	Single-pass A-V lead for pacing with stimulation of right ventricular outflow tract	607/123	607/125	Bornzin; Gene A. et al.
US 5628779 A	USPAT	19970513	Single-pass A-V pacing lead	607/123	607/125	Bornzin; Gene A. et al.
US 5560369 A	USPAT	19961001	Cardiac arrhythmia detection system for an implantable stimulation device and method	600/518	600/517; 600/521	McClure; Kelly H. et al.
US 5549650 A	USPAT	19960827	System and method for providing hemodynamically optimal pacing therapy	607/24	607/25	Bornzin; Gene A. et al.
US 5549649 A	USPAT	19960827	Programmable pacemaker including an atrial rate filter for deriving a filtered atrial rate used for switching pacing	607/15		Florio; Joseph J. et al.

			modes			
US 5540725 A	USPAT	19960730	Upper rate response for implantable pacemaker based on atrial lock interval pacing	607/9		Bornzin; Gene A. et al.
US 5514162 A	USPAT	19960507	System and method for automatically determining the slope of a transfer function for a rate-responsive cardiac pacemaker	607/19		Bornzin; Gene A. et al.
US 5513644 A	USPAT	19960507	Cardiac arrhythmia detection system for an implantable stimulation device	600/521	128/901	McClure; Kelly H. et al.
US 5509926 A	USPAT	19960423	Implantable medical device having means for suppressing thermally induced signals from piezoelectric sensors and method thereof	607/19		Mortazavi; Said et al.
US 5476483 A	USPAT	19951219	System and method for modulating the base rate during sleep for a rateresponsive cardiac pacemaker	607/17		Bornzin; Gene A. et al.
US 4941475 A	USPAT	19900717	Thermodilution by heat exchange	600/505	600/526; 600/549	Williams; Wilbur R. et al.
US 4813421 A	USPAT	19890321	Oxygen sensing pacemaker	600/333	356/41; 607/22	Baudino; Michael D. et al.

US 4807629 A	USPAT	19890228		Oxygen sensing pacemaker	607/22	600/333; 600/510	Baudino; Michael D. et al.
US 4791935 A	USPAT	19881220		Oxygen sensing pacemaker	600/333	600/505	Baudino; Michael D. et al.
US 4725128 A	USPAT	19880216		Method for delivering light from multiple light emitting diodes over a single optical fiber	385/91	156/60; 156/64; 257/100; 257/89; 257/98; 257/99; 385/90	Bornzin; Gene A. et al.
US H000356 H	USPAT	19871103	7	Epicardial lead having low threshold, low polarization myocardial electrode	607/126	604/20; 607/122	Stokes; Kenneth B. et al.
US 4502492 A	USPAT	19850305		Low-polarization low-threshold electrode	607/121	607/126	Bornzin; Gene A.
US 4499907 A	USPAT	19850219		Energy limiting cardioversion lead	607/122		Kallok; Michael J. et al.
US 4467807 A	USPAT	19840828		Rate adaptive demand pacemaker	607/22		Bornzin; Gene A.